CEIC

The California Environmental Information Catalog

What is CEIC?

- A web based catalog of environmental data for California.
- CEIC stores "metadata" not the data itself.
- Metadata is information that describes a resource:
    - What type of data it is (e.g. digital image, hard copy report, etc.).
    - Who created it and for what purpose.
    - How to obtain it (e.g. file download, mail hard copy).
    - Much more.
- CEIC uses a metadata standard called:

Content Standard for Digital Geospatial Metadata (FGDC-STD-001 June 1998)
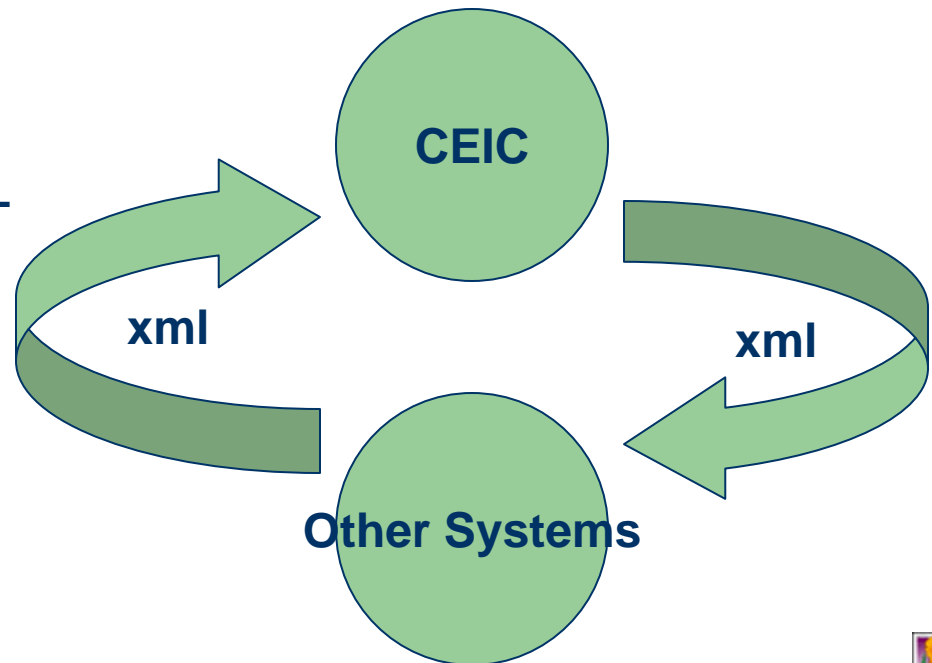Commonly called the "FGDC metadata standard"*

*Note that other standards exist, e.g. ISO 19115

Who Uses CEIC?

- The Catalog has been developed through a collaborative effort with the <u>California Geographic Information Association</u>, <u>California Environmental Resources Evaluation System</u>, and the <u>Federal Geographic Data Committee</u>.

- Participants include cities, counties, utilities, state and federal agencies, private businesses and academic institutions that have spatial and other types of data resources.

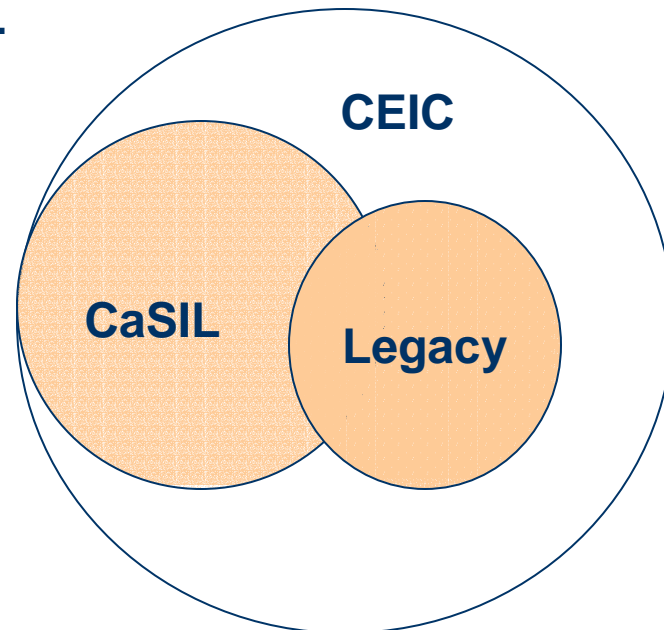- Currently 230 organizations have created catalogs with a total 4500 datasets.

CEIC and Other Tools

- CEIC interoperates with other metadata tools:
  - ESRI ArcCatalog
  - Intergraph SMMS
  - Others using the FGDC standard and importing/exporting in XML format.

CEIC

Other Systems

xml

xml

Collections of Datasets

- CEIC is increasingly used to facilitate the sharing of GIS datasets.
- CEIC acts as a "front end" to more specialized data repositories including the California Spatial Information Library (CaSIL) and the California Legacy Project's data collection.
- Dataset collections can be defined in support of other special projects and presented in custom interfaces.

CEIC

CaSIL

Legacy

CEIC and the World

- **CEIC is a node of the National Spatial Data Infrastructure (NSDI).**
- **The Geospatial Data Clearinghouse is a collection of over 250 spatial data servers, that have digital geographic data primarily for use in Geographic Information Systems (GIS), image processing systems, and other modeling software. These data collections can be searched through a single interface based on their descriptions, or "metadata."**

Where is CEIC?

- **You can find CEIC at:**

  http://gis.ca.gov/catalog

- **For questions and more information email:**

  metadata@gis.ca.gov

Welcome to *California*

The California Environmental Information Catalog

GEOSPATIAL

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Advanced Search

Catalog Listing

Note: Click on Catalog Title to view a description of the catalog. 0 Records shows the number of records in the individual catalog and, if applicable, the total number of records in collaboration [0]. Click on 0 records to browse metadata records, [#] to browse collaborating catalogs.

Title	datasets
ABAG (Assoc. of Bay Area Governments) Catalog	9
AC Transit Catalog	6
Alameda County Catalog	26
Alameda Power & Telecom Catalog	1
Anacapa GIS	1
Association of Monterey Bay Area Governments (AMBAG)	148 [149]
BAAQMD (Bay Area Air Quality Mgmt. District) Catalog	1
BART Catalog	2
BASIC (Bay Area Shared Information Consortium) Catalog	9
Bay Model Association Catalog	3
Big Sur Land Trust Data Catalog	1
Bolsa Chica Bibliography	72
Border EcoWeb/EcoWeb Fronteriza	1
CA Dept. Fish & Game (Marine) – Technical Report	58
CA Dept. of Fish & Game (Marine) - Administrative Report	249
CA Dept. of Fish & Game (Marine) - Spatial and Remote Sensing	313
Cabrillo College	1
Cal OCEAN Ocean and Coastal Information Catalog	23
Cal Poly Central Valley Catalogue	1 [2]

CERES

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The California Environmental Information Catalog

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CERES Thesaurus Browser

Calendars | Cartographic works | Collections | Curricula | Datasets | Events | Expertise | Geographic information | Glossaries | Images | Individuals | Models | Multimedia packages | Musical works | Organizations | Physical objects | Posters | Projects | Protocols | Recordings | Remotely-sensed data | Services | Software packages | Textual works | Websites |

Geographic information

[Query on Selected Data Types]

[Save as Data Type Filter]

[Add to Data Type Filter]

Broader Terms:

Narrower Terms:
- ☑ Aerial photographs
- ☑ Atlases
- ☑ Geographic information systems
- ☑ Maps
- ☑ Satellite imagery
- ☑ Spatial data

Related Terms:
- ☐ Cartographic works

Use For: GIS data,

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Metadata Entry

Catalog: CaSIL Metadata Catalog
Dataset: Hydrographic Point

Identifier:	HYDROPOA

Citation Information

Title:	Hydrographic Point
Originator:	Teale GIS Solutions Group
Edition:	
Publication Date:	1997-01-01
Information Resource Type:	Format: Content:
Other Citation Details:	This is NAD 27 datum in Albers projection. Measurmetn unit in meters. Captured by digital scan.

Identification Information

Abstract:	This represents hydrographic point features such as springs and wells and is derived from USGS (U.S. Geological Survey) DLG-3 (Digital Line Graphs) optional data format. The data was captured from 1 to 100,000 scale maps. Data was captured by manual digitizing, raster scanning, and editing systems. There are approximately 3200 DLG files making up the statewide area. This layer consists of all wells, springs, cisterns, etc., and is stored in 250K quad files. The layer is composed of ArcINFO point features only.
Browse Graphic:	preview
Purpose:	To provide information about hydrographic point features to the public.
Supplemental Info:	View Supplemental Information
Time Period:	Start: 1997-01-01 End: 1997-12-31
Currentness:	Publication Date
Progress:	Complete
Update Frequency:	As Needed
	Place Name of Bounding Box: California

Welcome to *California*

Catalog Home

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The California Environmental Information Catalog

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Catalog Description

CaSIL Metadata Catalog

▼ **Catalog Detail**

Catalog Name:	CaSIL Metadata Catalog
Organization:	CERES
Organization URL:	http://gis.ca.gov/
Catalog Description:	The California Spatial Information Library Metadata Catalog
Created By:	Metadata Administrator
Last Updated:	20030909135403

Look for Data

By Catalog

By Data Type

By Keyword

By Organization

By Geographic Area

Collaborations

Catalog Contacts

▶ **Collaborating Catalogs**

▶ **Datasets**

🔍 📕 **Airbasins**

🔍 📕 **Airboard Districts**

🔍 📕 **Airports**

🔍 📕 **Assembly District Regions 1992**

🔍 📕 **Assembly District Regions 2001**

🔍 📕 **Assembly District Regions 2001, Albers Projection**

🔍 📕 **Board of Equalization District Boundaries**

🔍 📕 **California Ambient Air Quality Standards for carbon monoxide**

🔍 📕 **California Ambient Air Quality Standards for Ozone**

🔍 📕 **California Counties (1990)**

🔍 📕 **California Office of Emergency Services Regions**

🔍 📕 **California Shoreline**

Related Links

Resources Agency

California Spatial Information Library

CERES

USGS

FGDC

CalSpace UCD